



U.S. Department  
of Transportation

National Highway  
Traffic Safety  
Administration

400 Seventh Street, S.W.  
Washington, D.C. 20590

Dear Crash Data Researchers/Users:

Thank you for choosing crash data from the National Highway Traffic Safety Administration (NHTSA) for your research or other use. The information contained in this motor vehicle crash report is collected, maintained and distributed in accordance with Public Law 89-564. In accordance with this Public Law, NHTSA is required not to release any case information until completion of quality control procedures. These procedures include a review of the case material to extract all names, licenses and registration numbers, non-coded interview material, non-research related researcher comments in the margins, non-factual data, and the production number portion of the vehicle identification number (VIN).

If you requested NHTSA to query its database files in order to identify a specific crash, then that query was made using non-personal descriptors you provided for use in our search. This motor vehicle crash may have been identified from a data search and matches the general, non-personal descriptors you provided, but we cannot confirm that this is the specific crash report you requested.

If you have any questions with regard to the above procedures, please contact the Field Operations Branch, Crash Investigation Division, National Center for Statistics and Analysis at 202-366-4820. Again, please be advised that we cannot confirm that this is the case that you have specifically requested nor can we certify the information to be correct.

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AUTO SAFETY HOTLINE  
(800) 424-9393  
Wash. D.C. Area 366-0123



U.S. Department of Transportation

National Highway Traffic Safety  
Administration**CASE SUMMARY**NATIONAL ACCIDENT SAMPLING SYSTEM  
CRASHWORTHINESS DATA SYSTEMPSU 72 CASE NO. 119K TYPE OF ACCIDENT 1 Car into a parked car with a rollover**A. DESCRIPTION OF THE ACCIDENT SEQUENCE AND ACCIDENT PECULIARITIES**

(Provide a summary of the accident sequence as well as any particular event of the accident that is noteworthy. Injury mechanism and vehicle crashworthiness is the focus, not driver culpability. Do not include any personal identifiers. Use reverse side if needed.)

Vehicle #1 was southbound in lane 1 of a 2 lane undivided street. Vehicle #1 drifted to the right and struck the rear of a parked car. Vehicle #1 rolled over onto its left side as a result of this impact. Vehicle #1 was towed from the scene and the driver was transported to the hospital.

**B. VEHICLE PROFILE(S)**

Vehicle No.	Class of Vehicle	Year/Make/Model	Most Severe Damage		Component Failure
			Damage Plane	Severity Description	
01	Subcompact	90/Ford/Escort	Front	Moderate	None

**C. PERSON PROFILE(S)**

Vehicle No.	Person Role	Seat Position	Restraint Use	Most Severe Injury			
				Body Region	Lesion	AIS	Injury Source
01	Driver	Front Lt.	Motorized 2 pt. belt only	INJURED	DETAILS UNKNOWN		

**DO NOT SANITIZE THIS FORM**



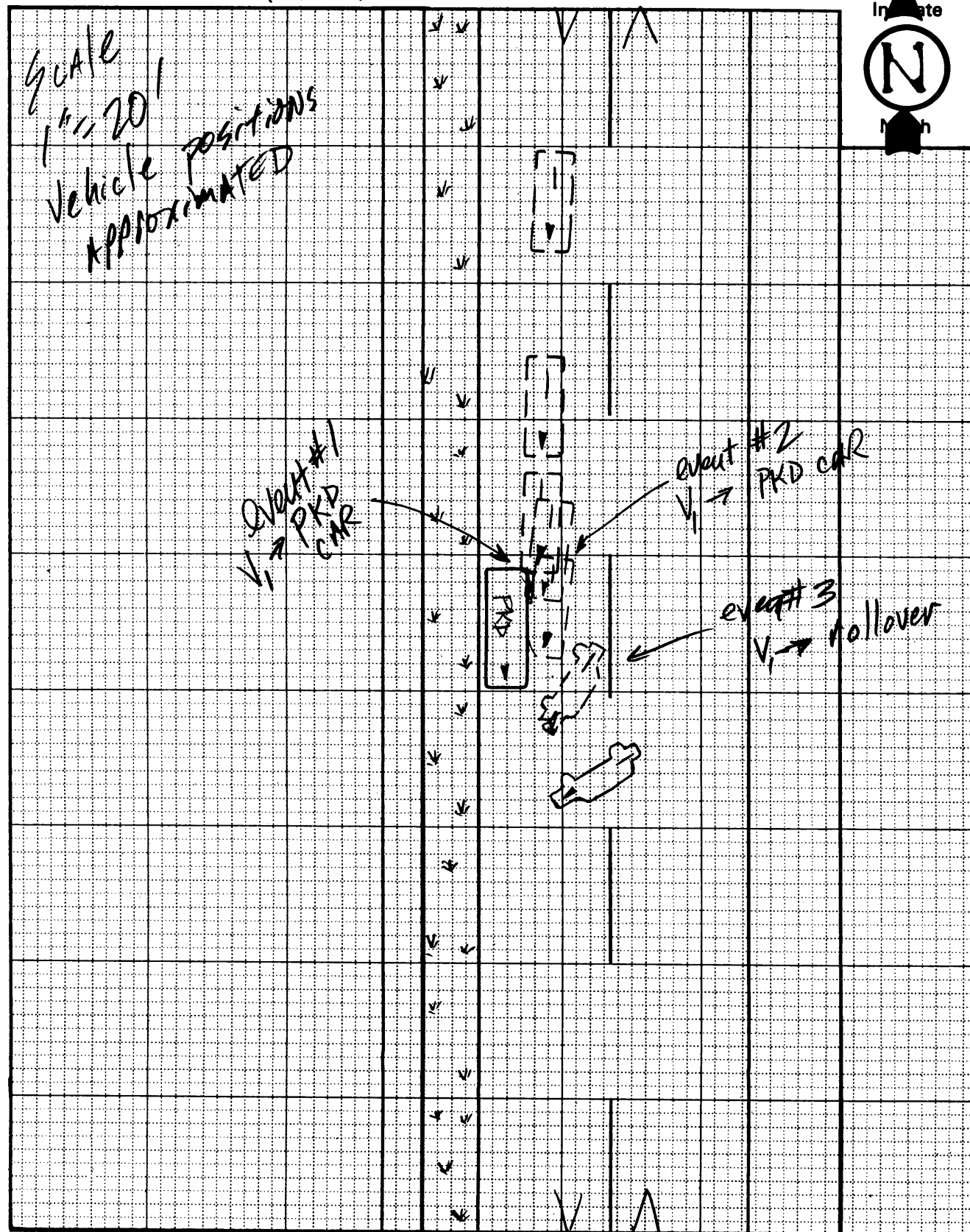
U.S. Department of Transportation  
National Highway Traffic Safety  
Administration

NATIONAL ACCIDENT SAMPLING SYSTEM  
CRASHWORTHINESS DATA SYSTEM

PSU No. 12

Case Number - Stratum 119K

## ACCIDENT COLLISION DIAGRAM





U.S. Department of Transportation  
National Highway Traffic Safety  
Administration

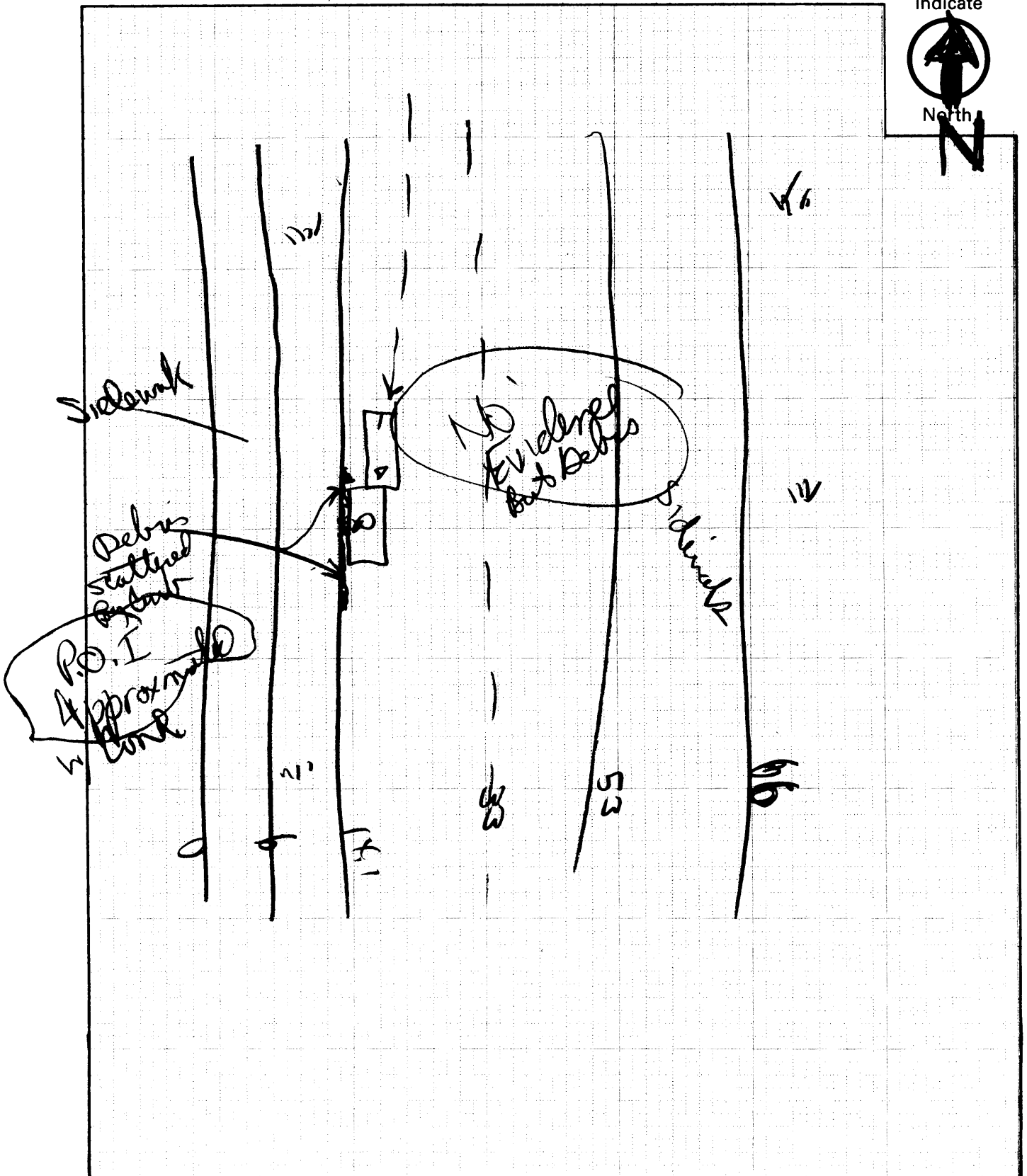
NATIONAL ACCIDENT SAMPLING SYSTEM  
CRASHWORTHINESS DATA SYSTEM

## ACCIDENT COLLISION DIAGRAM

PSU No. 72

Case Number - Stratum 119K

Indicate





## ACCIDENT COLLISION MEASUREMENT TABLE

**NATIONAL ACCIDENT SAMPLING SYSTEM  
CRASHWORTHINESS DATA SYSTEM**

**Primary Sampling Unit Number**

### Case Number—Stratum

# ACCIDENT COLLISION DIAGRAM

**LEVEL 1  
PHYSICAL EVIDENCE ABSENT**

**To be accomplished when there is no physical evidence present at the scene:**

- approximate vehicle orientation at impact and final rest
- applicable road/roadway delineation (e.g., curbs/edge lines, lane markings, median markings, pavement markings, etc.)
- applicable traffic controls (e.g., speed limit)
- north arrow placed on diagram
- sketch required

**LEVEL II**  
**PHYSICAL EVIDENCE PRESENT**

**in addition to the level I tasks noted above, the following must be accomplished when**

## LEVEL II (Cont'd)

**physical evidence is present:**

- document reference point and reference line relative to physical features present at the scene
- scale documentation of all accident induced physical evidence
- scaled documentation of all roadside objects contacted
- roadway surface type and condition of applicable roadways
- grade measurements for all applicable roadways and at location of rollover initiation
- scaled representations of the vehicle(s) at pre-impact, impact, and final rest based upon either:
  - a) physical evidence, or
  - b) reconstructed accident dynamics

## CRASH DATA

VEH. #1   VEH. #2   VEH. #3

Heading Angle 185° 180° \_\_\_\_\_

Surface Type Bit Bit

Surface Condition Dry Dry

Grade (v/h) LVL LVL \_\_\_\_\_  
Measurement (between impact and final rest)

Grade (v/h) LVL N/A \_\_\_\_\_  
Measurement (at location of rollover initiation) \_\_\_\_\_

**Reference Point:** \_\_\_\_\_ **Reference line:** \_\_\_\_\_

[illegible]

[illegible]



## ACCIDENT FORM

<div style="border-bottom: 1px solid black; padding-bottom: 5px;">1. Primary Sampling Unit Number <span style="float: right; margin-right: 50px;">72</span></div> <div style="border-bottom: 1px solid black; padding-bottom: 5px;">2. Case Number - Stratum <span style="float: right; margin-right: 50px;">119K</span></div> <div style="border-top: 1px solid black; border-bottom: 1px solid black; text-align: center; padding: 2px 5px;"><b>IDENTIFICATION</b></div> <div style="border-bottom: 1px solid black; padding-bottom: 5px;">3. Number of General Vehicle Forms Submitted <span style="float: right; margin-right: 50px;">01</span></div> <div style="border-bottom: 1px solid black; padding-bottom: 5px;">4. Date of Accident (Month,Day,Year) <span style="float: right; margin-right: 50px;">_ _ _ 9 _ 2</span></div> <div style="border-bottom: 1px solid black; padding-bottom: 5px;">5. Time of Accident <span style="float: right; margin-right: 50px;">0115</span></div> <div style="padding: 5px 0 0 50px;">Code reported military time of accident.</div> <div style="padding: 5px 0 0 50px;">NOTE: Midnight = 2400 Unknown = 9999</div>		<div style="border-top: 1px solid black; border-bottom: 1px solid black; text-align: center; padding: 2px 5px;"><b>SPECIAL STUDIES - INDICATORS</b></div> <div style="padding: 5px 0 0 10px;">Check (✓) each special study (SS12-SS16 below) that has been completed; code 1 for the checked special studies and 0 for the special studies not checked.</div> <div style="padding: 5px 0 0 10px;">6. ___ SS12 Not Active <span style="float: right; margin-right: 50px;">0</span></div> <div style="padding: 5px 0 0 10px;">7. ___ SS13 Not Active <span style="float: right; margin-right: 50px;">0</span></div> <div style="padding: 5px 0 0 10px;">8. ___ SS14 Fatal AOPS <span style="float: right; margin-right: 50px;">0</span></div> <div style="padding: 5px 0 0 10px;">9. ___ SS15 <span style="float: right; margin-right: 50px;">0</span></div> <div style="padding: 5px 0 0 10px;">10. ___ SS16 <span style="float: right; margin-right: 50px;">0</span></div> <div style="border-top: 1px solid black; border-bottom: 1px solid black; text-align: center; padding: 2px 5px;"><b>NUMBER OF EVENTS</b></div> <div style="padding: 5px 0 0 10px;">11. Number of Recorded Events in This Accident <span style="float: right; margin-right: 50px;">02 03</span></div> <div style="padding: 5px 0 0 10px;">Code the number of events which occurred in this accident.</div>																																		
<b>ACCIDENT EVENTS</b>																																				
For each event that occurred in the accident, code the lowest numbered vehicle in the left columns and the other involved vehicle or object on the right.																																				
<table style="width:100%; border-collapse: collapse;"><tr><th style="width:12.5%; text-align: center;">Accident Event Sequence Number</th><th style="width:12.5%; text-align: center;">Vehicle Number</th><th style="width:12.5%; text-align: center;">Class Of Vehicle</th><th style="width:12.5%; text-align: center;">General Area of Damage</th><th style="width:12.5%; text-align: center;">Vehicle Number or Object Contacted</th><th style="width:12.5%; text-align: center;">Class Of Vehicle</th><th style="width:12.5%; text-align: center;">General Area of Damage</th></tr></table>		Accident Event Sequence Number	Vehicle Number	Class Of Vehicle	General Area of Damage	Vehicle Number or Object Contacted	Class Of Vehicle	General Area of Damage																												
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IF GREATER THAN FIVE EVENTS, CONTINUE CODING ON THE ACCIDENT EVENT SUPPLEMENT																																				

## CODES FOR CLASS OF VEHICLE

- (00) Not a motor vehicle
- (01) Subcompact/mini (wheelbase < 100 inches)
- (02) Compact (wheelbase = 100 — 104 inches)
- (03) Intermediate (wheelbase = 105 — 109 inches)
- (04) Full size (wheelbase = 110 — 114 inches)
- (05) Largest (wheelbase ≥ 115 inches)
- (09) Unknown passenger car size
- (11) Compact utility vehicle
- (12) Large utility vehicle (≤ 10,000 lbs GVWR)
- (13) Passenger van (≤ 10,000 lbs GVWR)
- (14) Other van (≤ 10,000 lbs GVWR)
- (15) Pickup truck (≤ 10,000 lbs GVWR)
- (18) Other truck (≤ 10,000 lbs GVWR)
- (19) Unknown light truck type
- (20) School bus
- (21) Other bus
- (22) Truck (> 10,000 lbs GVWR)
- (23) Tractor without trailer
- (24) Tractor-trailer(s)
- (25) Motored cycle
- (28) Other vehicle
- (99) Unknown

## CODES FOR GENERAL AREA OF DAMAGE (GAD)

### CDS APPLICABLE AND OTHER VEHICLES

- (O) Not a motor vehicle
- (N) Noncollision
- (F) Front
- (R) Right side
- (L) Left side
- (B) Back
- (T) Top
- (U) Undercarriage
- (9) Unknown

### TDC APPLICABLE VEHICLES

- (O) Not a motor vehicle
- (N) Noncollision
- (F) Front
- (R) Right side
- (L) Left side
- (B) Back of unit with cargo area (rear of trailer or straight truck)
- (D) Back (rear of tractor)
- (C) Rear of cab
- (V) Front of cargo area
- (T) Top
- (U) Undercarriage
- (9) Unknown

## CODES FOR VEHICLE NUMBER OR OBJECT CONTACTED

### (01-30) — Vehicle Number

#### Noncollision

- (31) Overturn — rollover
- (32) Fire or explosion
- (33) Jackknife
- (34) Other intraunit damage (specify): \_\_\_\_\_

(35) Noncollision injury

(38) Other noncollision (specify): \_\_\_\_\_

(39) Noncollision — details unknown

#### Collision With Fixed Object

- (41) Tree (≤ 4 inches in diameter)
- (42) Tree (> 4 inches in diameter)
- (43) Shrubbery or bush
- (44) Embankment

(45) Breakaway pole or post (any diameter)

#### Nonbreakaway Pole or Post

- (50) Pole or post (≤ 4 inches in diameter)
- (51) Pole or post (> 4 inches but ≤ 12 inches in diameter)
- (52) Pole or post (> 12 inches in diameter)
- (53) Pole or post (diameter unknown)

(54) Concrete traffic barrier

(55) Impact attenuator

(56) Other traffic barrier (includes guardrail)  
(specify): \_\_\_\_\_

(57) Fence

(58) Wall

(59) Building

(60) Ditch or culvert

(61) Ground

(62) Fire hydrant

(63) Curb

(64) Bridge

(68) Other fixed object (specify): \_\_\_\_\_

(69) Unknown fixed object

#### Collision with Nonfixed Object

(71) Motor vehicle not in-transport

(72) Pedestrian

(73) Cyclist or cycle

(74) Other nonmotorist or conveyance

(75) Vehicle occupant

(76) Animal

(77) Train

(78) Trailer, disconnected in transport

(88) Other nonfixed object (specify): \_\_\_\_\_

(89) Unknown nonfixed object

(98) Other event (specify): \_\_\_\_\_

(99) Unknown event or object

## National Accident Sampling System-Crashworthiness Data System: General Vehicle Form

## OCCUPANT RELATED

16. Driver Presence in Vehicle 1  
 (0) Driver not present  
 (1) Driver present  
 (9) Unknown
17. Number of Occupants This Vehicle 01  
 (00-96) Code actual number of occupants for this vehicle  
 (97) 97 or more  
 (99) Unknown
18. Number of Occupant Forms Submitted 01

## VEHICLE WEIGHT ITEMS

19. Vehicle Curb Weight 02200  
22400 Code weight to nearest 100 pounds.  
 (010) Less than 1050 pounds  
 (135) 13,500 pounds or more  
 (999) Unknown  
 Source: \_\_\_\_\_
20. Vehicle Cargo Weight 0000  
 \_\_\_\_\_ Code weight to nearest 100 pounds.  
 (00) Less than 50 pounds  
 (97) 9,650 pounds or more  
 (99) Unknown

## RECONSTRUCTION DATA

21. Towed Trailing Unit 0  
 (0) No towed unit  
 (1) Yes—towed trailing unit  
 (9) Unknown
22. Documentation of Trajectory Data for This Vehicle 0  
 (0) No  
 (1) Yes
23. Post Collision Condition of Tree or Pole (For Highest Delta V) 0  
 (0) Not collision (for highest delta V) with tree or pole  
 (1) Not damaged  
 (2) Cracked/sheared  
 (3) Tilted <45 degrees  
 (4) Tilted ≥45 degrees  
 (5) Uprooted tree  
 (6) Separated pole from base  
 (7) Pole replaced  
 (8) Other (specify): \_\_\_\_\_  
 (9) Unknown

24. Rollover 1  
 (0) No rollover (no overturning)  
*Rollover (primarily about the longitudinal axis)*  
 (1) Rollover, 1 quarter turn only  
 (2) Rollover, 2 quarter turns  
 (3) Rollover, 3 quarter turns  
 (4) Rollover, 4 or more quarter turns (specify): \_\_\_\_\_  
 (5) Rollover--end-over-end (i.e., primarily about the lateral axis)  
 (9) Rollover (overturn), details unknown

## OVERRIDE/UNDERRIDE (THIS VEHICLE)

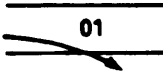
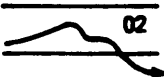
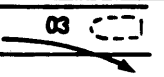
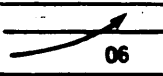
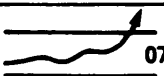
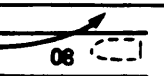
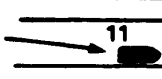
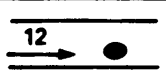
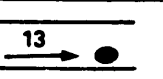
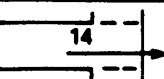
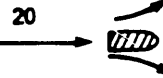
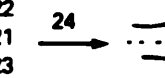
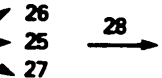
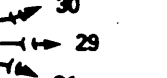
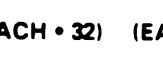


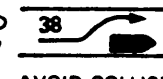
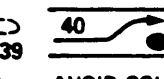


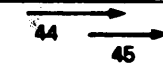
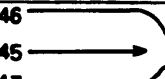

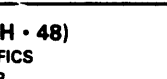





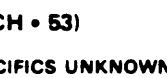




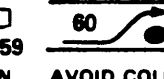

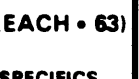



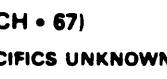


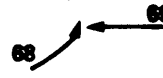
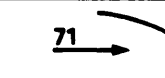
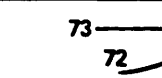


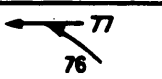
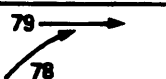
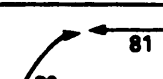
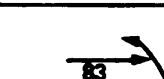

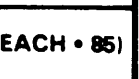
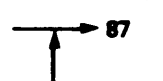

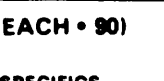
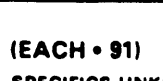

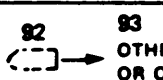




25. Front Override/Underride (this Vehicle) 0
26. Rear Override/Underride (this Vehicle) 0  
 (0) No override/underride, or not an end-to-end impact  
*Override (see specific CDC)*  
 (1) 1st CDC  
 (2) 2nd CDC  
 (3) Other not automated CDC (specify): \_\_\_\_\_  
*Underride (see specific CDC)*  
 (4) 1st CDC  
 (5) 2nd CDC  
 (6) Other not automated CDC (specify): \_\_\_\_\_  
 (7) Medium/heavy truck or bus override  
 (9) Unknown

## HEADING ANGLE AT IMPACT FOR HIGHEST DELTA V

Values: (000)-(359) Code actual value  
 (997) Noncollision  
 (998) Impact with object  
 (999) Unknown

27. Heading Angle For This Vehicle 185
28. Heading Angle For Other Vehicle 180

BEST AVAILABLE

Category	Configuration	ACCIDENT TYPES (Includes Intent)							
I. Single Driver	A. Right Roadside Departure	 01 DRIVE OFF ROAD	 02 CONTROL/ TRACTION LOSS	 03 AVOID COLLISION WITH VEH., PED., ANIM.	04 SPECIFICS OTHER	05 SPECIFICS UNKNOWN			
	B. Left Roadside Departure	 06 DRIVE OFF ROAD	 07 CONTROL/ TRACTION LOSS	 08 AVOID COLLISION WITH VEH., PED., ANIM.	09 SPECIFICS OTHER	10 SPECIFICS UNKNOWN			
	C. Forward Impact	 11 PARKED VEH.	 12 STA. OBJECT	 13 PEDESTRIAN/ ANIMAL	 14 END DEPARTURE	15 SPECIFICS OTHER	16 SPECIFICS UNKNOWN		
II. Same Trafficway Same Direction	D. Rear-End	 20 STOPPED 21, 22, 23	 22 SLOWER 25, 26, 27	 24 DECEL. 29, 30, 31	 26 AVOID COLLISION WITH VEH.	 28 AVOID COLLISION WITH VEH.	(EACH • 32) SPECIFICS OTHER	(EACH • 33) SPECIFICS UNKNOWN	
	E. Forward Impact	 34 CONTROL/ TRACTION LOSS	 36 CONTROL/ TRACTION LOSS	 38 AVOID COLLISION WITH VEH.	 40 AVOID COLLISION WITH OBJECT	 42 AVOID COLLISION WITH OBJECT	 44 AVOID COLLISION WITH OBJECT	(EACH • 42) SPECIFICS OTHER	(EACH • 43) SPECIFICS UNKNOWN
	F. Sideswipe Angle	 44 LATERAL MOVE	 46 LATERAL MOVE	 48 LATERAL MOVE	 50 LATERAL MOVE	 52 LATERAL MOVE	 54 LATERAL MOVE	(EACH • 48) SPECIFICS OTHER	(EACH • 49) SPECIFICS UNKNOWN
III. Same Trafficway Opposite Direction	G. Head-On	 50 LATERAL MOVE	 52 LATERAL MOVE	 54 LATERAL MOVE	 56 LATERAL MOVE	 58 LATERAL MOVE	(EACH • 52) SPECIFICS OTHER	(EACH • 53) SPECIFICS UNKNOWN	
	H. Forward Impact	 54 CONTROL/ TRACTION LOSS	 56 CONTROL/ TRACTION LOSS	 58 AVOID COLLISION WITH VEH.	 60 AVOID COLLISION WITH OBJECT	 62 AVOID COLLISION WITH OBJECT	 64 AVOID COLLISION WITH OBJECT	(EACH • 62) SPECIFICS OTHER	(EACH • 63) SPECIFICS UNKNOWN
	I. Sideswipe Angle	 64 LATERAL MOVE	 66 LATERAL MOVE	 68 LATERAL MOVE	 70 LATERAL MOVE	 72 LATERAL MOVE	 74 LATERAL MOVE	(EACH • 66) SPECIFICS OTHER	(EACH • 67) SPECIFICS UNKNOWN
IV. Change Trafficway Vehicle Turning	J. Turn Across Path	 68 INITIAL OPPOSITE DIRECTIONS	 70 INITIAL SAME DIRECTIONS	 72 INITIAL SAME DIRECTIONS	 74 INITIAL SAME DIRECTIONS	 76 INITIAL SAME DIRECTIONS	(EACH • 74) SPECIFICS OTHER	(EACH • 75) SPECIFICS UNKNOWN	
	K. Turn Into Path	 76 TURN INTO SAME DIRECTION	 78 TURN INTO SAME DIRECTION	 80 TURN INTO OPPOSITE DIRECTIONS	 82 TURN INTO OPPOSITE DIRECTIONS	 84 TURN INTO OPPOSITE DIRECTIONS	 86 TURN INTO OPPOSITE DIRECTIONS	(EACH • 84) SPECIFICS OTHER	(EACH • 85) SPECIFICS UNKNOWN
V. Intersecting Paths (Vehicle Damage)	L. Straight Paths	 87 STRAIGHT PATHS	 89 STRAIGHT PATHS	 91 STRAIGHT PATHS	 93 STRAIGHT PATHS	 95 STRAIGHT PATHS	(EACH • 90) SPECIFICS OTHER	(EACH • 91) SPECIFICS UNKNOWN	
VI. Miscellaneous	M. Backing Etc	 92 BACKING VEH.	 93 OTHER VEH. OR OBJECT	 98 OTHER ACCIDENT TYPE	 99 UNKNOWN ACCIDENT TYPE	 00 NO IMPACT	98 Other Accident Type 99 Unknown Accident Type 00 No Impact		

## National Accident Sampling System-Crashworthiness Data System: General Vehicle Form

## OTHER DATA

## 56. Driver's Zip Code

- (00000) Driver not present  
 (00001) Driver not a resident of U.S. or territories  
           Code actual 5-digit zip code  
 (99999) Unknown

## 57. Driver's Race/Ethnic Origin

- (0) Driver not present  
 (1) White (non-Hispanic)  
 (2) Black (non-Hispanic)  
 (3) White (Hispanic)  
 (4) Black (Hispanic)  
 (5) American Indian, Eskimo or Aleut  
 (6) Asian or Pacific Islander  
 (8) Other (specify):  
 (9) Unknown

## 58. Vehicle Special Use (This Trip)

- (0) No special use  
 (1) Taxi  
 (2) Vehicle used as school bus  
 (3) Vehicle used as other bus  
 (4) Military  
 (5) Police  
 (6) Ambulance  
 (7) Hearse  
 (8) Fire truck or car  
 (9) Unknown

## ROLLOVER DATA

If GV07 (Body Type)  $\neq$  1-49, leave GV59-GV63 blank.  
 If GV24 (Rollover) = 0, then GV59-GV63 must equal 0.  
 If GV24 = 9, then GV59-GV63 must equal 9.

## 59. Rollover Initiation Type

- (0) No rollover  
 (1) Trip-over  
 (2) Flip-over  
 (3) Turn-over  
 (4) Climb-over  
 (5) Fall-over  
 (6) Bounce-over  
 (7) Collision with another vehicle  
 (8) Other rollover initiation type specify):  
 (9) Unknown rollover initiation type

## 60. Location of Rollover Initiation

- (0) No rollover  
 (1) On roadway  
 (2) On shoulder—paved  
 (3) On shoulder—unpaved  
 (4) On roadside or divided trafficway median  
 (9) Unknown

## 61. Rollover Initiation Object Contacted

## 62. Location on Vehicle Where Initial Principal Tripping Force Is Applied

- (0) No rollover  
 (1) Wheels/tires  
 (2) Side plane  
 (3) End plane  
 (4) Undercarriage  
 (5) Other location on vehicle (specify):  
 (8) Non-contact rollover forces (specify):  
       SHARP Rotation  
 (9) Unknown

## 63. Direction of Initial Roll

- (0) No rollover  
 (1) Roll right - primarily about the longitudinal axis  
 (2) Roll left - primarily about the longitudinal axis  
 (5) End-over-end (i.e., primarily about the lateral axis)  
 (9) Unknown roll direction

## PRECRASH DATA

## 64. Pre-Event Movement (Prior to Recognition of Critical Event)

- (01) Going straight  
 (02) Slowing or stopping in traffic lane  
 (03) Starting in traffic lane  
 (04) Stopped in traffic lane  
 (05) Passing or overtaking another vehicle  
 (06) Disabled or parked in travel lane  
 (07) Leaving a parking position  
 (08) Entering a parking position  
 (09) Turning right  
 (10) Turning left  
 (11) Making a U-turn  
 (12) Backing up (other than for parking position)  
 (13) Negotiating a curve  
 (14) Changing lanes  
 (15) Merging  
 (16) Successful avoidance maneuver to a previous critical event  
 (97) Other (specify):  
 (98) No driver present  
 (99) Unknown

## CODES FOR ROLLOVER INITIATION OBJECT CONTACTED

- (00) No rollover
- (01-30) — Vehicle Number

### Noncollision

- (31) Turn-over — fall-over
- (33) Jackknife

### Collision With Fixed Object

- (41) Tree ( $\leq 4$  inches in diameter)
- (42) Tree ( $> 4$  inches in diameter)
- (43) Shrubbery or bush
- (44) Embankment

- (45) Breakaway pole or post (any diameter)

### Nonbreakaway Pole or Post

- (50) Pole or post ( $\leq 4$  inches in diameter)
- (51) Pole or post ( $> 4$  inches but  $\leq 12$  inches in diameter)
- (52) Pole or post ( $> 12$  inches in diameter)
- (53) Pole or post (diameter unknown)

- (54) Concrete traffic barrier
- (55) Impact attenuator
- (56) Other traffic barrier (includes guardrail)  
(specify): \_\_\_\_\_

- (57) Fence
- (58) Wall
- (59) Building
- (60) Ditch or culvert
- (61) Ground
- (62) Fire hydrant
- (63) Curb
- (64) Bridge
- (68) Other fixed object (specify): \_\_\_\_\_

- (69) Unknown fixed object

### Collision with Nonfixed Object

- (71) Motor vehicle not in-transport
- (76) Animal
- (77) Train
- (78) Trailer, disconnected in transport
- (88) Other nonfixed object (specify): \_\_\_\_\_

- (89) Unknown nonfixed object

- (98) Other event (specify): \_\_\_\_\_

- (99) Unknown event or object



## EXTERIOR VEHICLE FORM

**NATIONAL ACCIDENT SAMPLING SYSTEM  
CRASHWORTHINESS DATA SYSTEM**

1. Primary Sampling Unit Number	<u>72</u>	3. Vehicle Number	<u>Q1</u>
2. Case Number - Stratum	<u>119K</u>		

## VEHICLE IDENTIFICATION

VIN 1FAPP9194LT Model Year 90  
Vehicle Make (specify): FORD Vehicle Model (specify): ESCORT 2-DR

## LOCATOR

**Locate the end of the damage with respect to the vehicle longitudinal center line or bumper corner for end impacts or an undamaged axle for side impacts.**

Specific Impact No.	Location of Direct Damage	Location of Field L
Q1	<del>At 210 Rt. of Front bumper Ch</del> under Front Rt. BC,	Front Plane end to end
Q2	<del>At 5.5 Forward of Rt. Rear axle</del> under 7.5 rear of Rt. Rear axle	<del>At 6.5 Forward of Rt. Rear axle</del> under 8.5 rear of Rt. rear axle
Q3	left side end to end	left side end to end

## CRUSH PROFILE

**NOTES:** Identify the plane at which the C-measurements are taken (e.g., at bumper, above bumper, at sill, above sill, etc.) and label adjustments (e.g., free space).

**Measure and document on the vehicle diagram the location of maximum crush.**

**Measure C1 to C6 from driver to passenger side in front or rear impacts and rear to front in side impacts.**

**Free space value is defined as the distance between the baseline and the original body contour taken at the individual C locations. This may include the following: bumper lead, bumper taper, side protrusion, side taper, etc. Record the value for each C-measurement and maximum crush.**

**Use as many lines/columns as necessary to describe each damage profile.**

Specific Impact Number	Plane of Impact C-Measurements	Direct Damage		Field L	C <sub>1</sub>	C <sub>2</sub>	C <sub>3</sub>	C <sub>4</sub>	C <sub>5</sub>	C <sub>6</sub>	±D
		Width (CDC)	Max Crush								
Q1	Front bumper	9.0	33.0	54.0	3.0	1.5	1.0	1.5	4.0	33.0	+25.5
Q1	Freespace		3.0		3.0	1.5	0.0	0.0	1.5	3.0	
Q1	Resultant		30.0		0.0	0.0	1.0	1.5	2.5	30.0	
Q2	Right side	13.0	<1.0	15.0	N/A	←					→ N/A - 48.1
Q2	Freespace		0.0								
Q2	Resultant		<1.0								
Q3	Left side	169.0	1.5	169.0	N/A	←					→ N/A 0.0
Q3	Freespace		0.0								
Q3	Resultant		1.5								

## VEHICLE DAMAGE SKETCH

## TIRE – WHEEL DAMAGE

a. Rotation physically restricted  
 b. Tire deflated

RF 1 RF 1  
 LF 2 LF 1  
 RR 2 RR 2  
 LR 2 LR 2

(1) Yes (2) No (8) NA (9) Unk.

## TYPE OF TRANSMISSION

☐ Manual ☒ Automatic

## ORIGINAL SPECIFICATIONS

Wheelbase 94.2  
 Overall Length 169.4  
 Maximum Width 65.9  
 Curb Weight 2242  
 Average Track 55.35  
 Front Overhang 35.4  
 Rear Overhang 38.6  
 Engine Size: cyl./ displ. 4 cyl; 1.9 L  
 Undeformed End Width 60.0

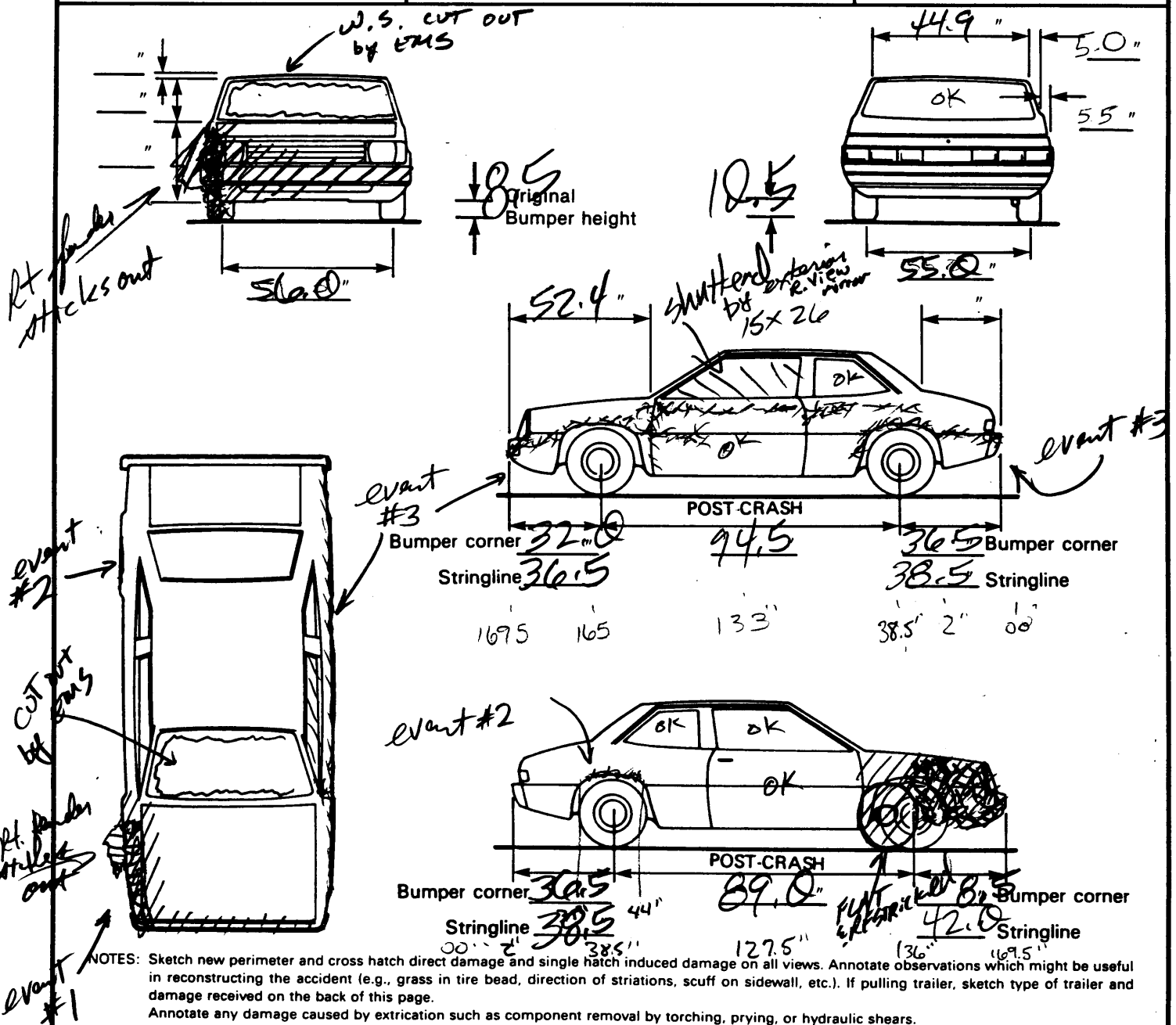
WHEEL STEER ANGLES  
(For locked front wheels or displaced rear axles only)

RF  $\pm$  00°  
 LF  $\pm$  —°  
 RR  $\pm$  —°  
 LR  $\pm$  —°

Within  $\pm 5$  degrees

## DRIVE WHEELS

☒ FWD ☐ RWD ☐ 4WD

 Approximate Cargo Weight < 50


### CODES FOR OBJECT CONTACTED

(99) Unknown event or object

[illegible]



U.S. Department of Transportation

National Highway Traffic Safety  
Administration

## INTERIOR VEHICLE FORM

NATIONAL ACCIDENT SAMPLING SYSTEM  
CRASHWORTHINESS DATA SYSTEM

DAMAGED BY?  
EMS?

### GLAZING

1. Primary Sampling Unit Number 72

2. Case Number - Stratum 119K

3. Vehicle Number 01

### INTEGRITY

4. Passenger Compartment Integrity 06

(00) No integrity loss

Yes, Integrity Was Lost Through

(01) Windshield

(02) Door (side)

(03) Door/hatch (back door)

(04) Roof

(05) Roof glass

(06) Side window

(07) Rear window (backlight)

(08) Roof and roof glass

(09) Windshield and door (side)

(10) Windshield and roof

(11) Side and rear window (side window and backlight)

(12) Windshield and side window

(13) Door and side window

(98) Other combination of above (specify):

(99) Unknown

Door, Tailgate or Hatch Opening

5. LF 1 6. RF 1 7. LR 0 8. RR 0 9. TG/H 1

(0) No door/gate/hatch

(1) Door/gate/hatch remained closed and operational

(2) Door/gate/hatch came open during collision

(3) Door/gate/hatch jammed shut

(8) Other (specify):

(9) Unknown

Damage/Failure Associated with Door, Tailgate or Hatch Opening in Collision. If IV05-IV09  $\neq$  2, Then code 0

10. LF 0 11. RF 0 12. LR 0 13. RR 0 14. TG/H 0

(0) No door/gate/hatch or door not opened

Door, Tailgate or Hatch Came Open During Collision

(1) Door operational (no damage)

(2) Latch/striker failure due to damage

(3) Hinge failure due to damage

(4) Door structure failure due to damage

(5) Door support (i.e., pillar, sill, roof side rail, etc.) failure due to damage

(6) Latch/striker and hinge failure due to damage

(8) Other failure (specify):

(9) Unknown

Glazing Damage from Impact Forces

15. WS 2 16. LF 6 17. RF 0 18. LR 0 19. RR 0

20. BL 0 21. Roof 8 22. Other 8

(0) No glazing damage from impact forces

(2) Glazing in place and cracked from impact forces

(3) Glazing in place and holed from impact forces

(4) Glazing out-of-place (cracked or not) and not holed from impact forces

(5) Glazing out-of-place and holed from impact forces

(6) Glazing disintegrated from impact forces

(7) Glazing removed prior to accident

(8) No glazing

(9) Unknown if damaged

Glazing Damage from Occupant Contact

23. WS 0 24. LF 0 25. RF 0 26. LR 0 27. RR 0

28. BL 0 29. Roof 0 30. Other 0

(0) No occupant contact to glazing or no glazing

(1) Glazing contacted by occupant but no glazing damage

(2) Glazing in place and cracked by occupant contact

(3) Glazing in place and holed by occupant contact

(4) Glazing out-of-place (cracked or not) by occupant contact and not holed by occupant contact

(5) Glazing out-of-place by occupant contact and holed by occupant contact

(6) Glazing disintegrated by occupant contact

(9) Unknown if contacted by occupant

If No Glazing Damage *And* No Occupant Contact or No Glazing, Then Code IV31 Through IV46 As 0

Type of Window/Windshield Glazing

31. WS 1 32. LF 2 33. RF 0 34. LR 0 35. RR 0

36. BL 0 37. Roof 0 38. Other 0

(0) No glazing contact and no damage, or no glazing

(1) AS-1 - Laminated

(2) AS-2 - Tempered

(3) AS-3 - Tempered-tinted

(4) AS-14 - Glass/Plastic

(8) Other (specify):

(9) Unknown

Window Precrash Glazing Status

39. WS 1 40. LF 2 41. RF 0 42. LR 0 43. RR 0

44. BL 0 45. Roof 0 46. Other 0

(0) No glazing contact and no damage, or no glazing

(1) Fixed

(2) Closed

(3) Partially opened

(4) Fully opened

(9) Unknown

# INTRUSION WORKSHEET

TOP  
VIEW

Longitudinal

Lateral

Longitudinal

LEFT SIDE  
VIEW

Vertical

Longitudinal

Longitudinal

RIGHT SIDE  
VIEW

Vertical

Longitudinal

Longitudinal

Vertical

Lateral

Note: Sketch intruded areas

LOCATION OF INTRUSION	INTRUDED COMPONENT	COMPARISON VALUE	—	INTRUDED VALUE	=	INTRUSION	DOMINANT CRUSH DIRECTION
11	Exterior Side Mirror	2	—	3	=	3.2	Lateral
			—		=		
			—		=		
			—		=		
			—		=		
			—		=		
			—		=		
			—		=		
			—		=		
			—		=		
			—		=		
			—		=		
			—		=		
			—		=		
			—		=		
			—		=		

Document no more than the 15 most severe intrusions

## OCCUPANT AREA INTRUSION

Note: If no intrusions, leave variables IV47-IV86 blank.

## INTRUDING COMPONENT

## Interior Components

- (01) Steering assembly  
 (02) Instrument panel left  
 (03) Instrument panel center  
 (04) Instrument panel right  
 (05) Toe pan  
 (06) A-pillar  
 (07) B-pillar  
 (08) C-pillar  
 (09) D-pillar  
 (10) Door panel (side)  
 (12) Roof (or convertible top)  
 (13) Roof side rail  
 (14) Windshield  
 (15) Windshield header  
 (16) Window frame  
 (17) Floor pan (includes sill)  
 (18) Backlight header  
 (19) Front seat back  
 (20) Second seat back  
 (21) Third seat back  
 (22) Fourth seat back  
 (23) Fifth seat back  
 (24) Seat cushion  
 (25) Back door/panel (e.g., tailgate)  
 (26) Other interior component (specify):

- (27) Side panel - forward of the A-pillar  
 (28) Side panel - rear of the A-pillar

## Exterior Components

- (30) Hood  
 (31) Outside surface of this vehicle (specify): left side exterior rear view mirror  
 (32) Other exterior object in the environment (specify):  
 (33) Unknown exterior object  
 (97) Catastrophic  
 (98) Intrusion of unlisted component(s) (specify):  
 (99) Unknown

	Location of Intrusion	Intruding Component	Magnitude of Intrusion	Dominant Crush Direction
1st	47. <u>11</u>	48. <u>31</u>	49. <u>2</u>	50. <u>3</u>
2nd	51. _____	52. _____	53. _____	54. _____
3rd	55. _____	56. _____	57. _____	58. _____
4th	59. _____	60. _____	61. _____	62. _____
5th	63. _____	64. _____	65. _____	66. _____
6th	67. _____	68. _____	69. _____	70. _____
7th	71. _____	72. _____	73. _____	74. _____
8th	75. _____	76. _____	77. _____	78. _____
9th	79. _____	80. _____	81. _____	82. _____
10th	83. _____	84. _____	85. _____	86. _____

## LOCATION OF INTRUSION

## Front Seat

- (11) Left  
 (12) Middle  
 (13) Right

## Fourth Seat

- (41) Left  
 (42) Middle  
 (43) Right

## Second Seat

- (21) Left  
 (22) Middle  
 (23) Right

- (97) Catastrophic  
 (98) Other enclosed area (specify)

(99) Unknown

## Third Seat

- (31) Left  
 (32) Middle  
 (33) Right

## MAGNITUDE OF INTRUSION

- (1)  $\geq 1$  inch but  $< 3$  inches  
 (2)  $\geq 3$  inches but  $< 6$  inches  
 (3)  $\geq 6$  inches but  $< 12$  inches  
 (4)  $\geq 12$  inches but  $< 18$  inches  
 (5)  $\geq 18$  inches but  $< 24$  inches  
 (6)  $\geq 24$  inches  
 (7) Catastrophic  
 (9) Unknown

## DOMINANT CRUSH DIRECTION

- (1) Vertical  
 (2) Longitudinal  
 (3) Lateral  
 (7) Catastrophic  
 (9) Unknown

STEERING RIM/SPOKE DEFORMATION

COMPARISON VALUE	—	DAMAGE VALUE	=	DEFORMATION
	—		=	
No deformation	—		=	0.0
	—		=	

**STEERING COLUMN**

## 87. Steering Column Type

- (1) Fixed column  
 (2) Tilt column  
 (3) Telescoping column  
 (4) Tilt and telescoping column  
 (8) Other column type (specify): \_\_\_\_\_

(9) Unknown

## 88. Blank

(This variable is left blank so that numbering consistency can be maintained with the 1988-91 CDS.

X X

## 89. Blank

(This variable is left blank so that numbering consistency can be maintained with the 1988-91 CDS.

X X X

## 90. Blank

(This variable is left blank so that numbering consistency can be maintained with the 1988-91 CDS.

X X X

## 91. Blank

(This variable is left blank so that numbering consistency can be maintained with the 1988-91 CDS.

X X X

## 92. Steering Rim/Spoke Deformation

Code actual measured

deformation to the nearest inch.

- (0) No steering rim deformation  
 (1-5) Actual measured value  
 (6) 6 inches or more  
 (8) Observed deformation cannot be measured  
 (9) Unknown

## 93. Location of Steering Rim/Spoke Deformation

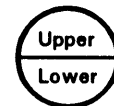
(00) No steering rim deformation

*Quarter Sections*

- (01) Section A  
 (02) Section B  
 (03) Section C  
 (04) Section D

*Half Sections*

- (05) Upper half of rim/spoke  
 (06) Lower half of rim/spoke  
 (07) Left half of rim/spoke  
 (08) Right half of rim/spoke



- (09) Complete steering wheel collapse  
 (10) Undetermined location  
 (99) Unknown

**INSTRUMENT PANEL**

## 94. Odometer Reading

26845 miles—Code mileage to the nearest 1,000 miles

- (000) No odometer  
 (001) Less than 1,500 miles  
 (300) 299,500 miles or more  
 (999) Unknown

Source: Odometer

## 95. Instrument Panel Damage from Occupant Contact?

- (0) No  
 (1) Yes  
 (9) Unknown

## 96. Knee Bolsters Deformed from Occupant Contact?

- (0) No  
 (1) Yes  
 (8) Not present  
 (9) Unknown

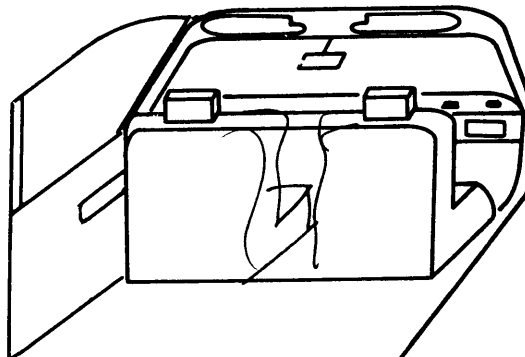
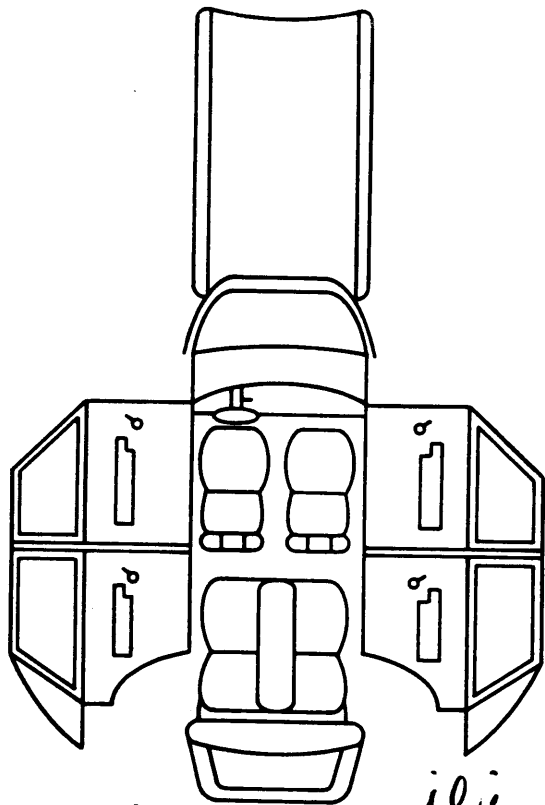
## 97. Did Glove Compartment Door Open During Collision(s)?

- (0) No  
 (1) Yes  
 (8) Not present  
 (9) Unknown



## VEHICLE INTERIOR SKETCHES

Note area of ejection/entrapment



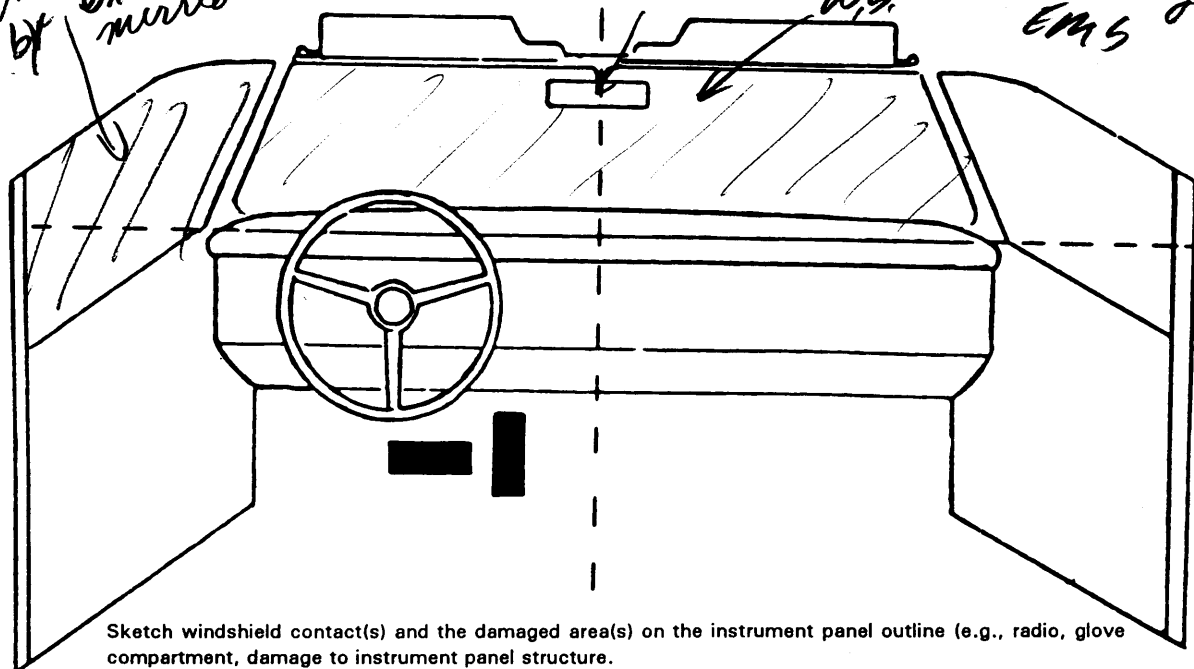
none  
noted or seen

illegible Belts worn  
cut by EMS

mounted on W.S.

W.S. cut out by  
EMS

shattered  
by exterior  
mirror



Sketch windshield contact(s) and the damaged area(s) on the instrument panel outline (e.g., radio, glove compartment, damage to instrument panel structure).

Cross hatch contact points, draw spider webs or use other annotation as may be appropriate.

Annotate the contacted area with a letter (begin with A) and list on the Points of Occupant Contact page.

## POINTS OF OCCUPANT CONTACT

Contact	Interior Component Contacted	Occupant No. If Known	Body Region If Known	Supporting Physical Evidence	Confidence Level of Contact Point
A					
B					
C					
D					
E					
F					
G					
H					
I					
J					
K					
L					
M					
N					

## CODES FOR INTERIOR COMPONENTS

## FRONT

- (01) Windshield
- (02) Mirror
- (03) Sunvisor
- (04) Steering wheel rim
- (05) Steering wheel hub/spoke
- (06) Steering wheel (combination of codes 04 and 05)
- (07) Steering column, transmission selector lever, other attachment
- (08) Add on equipment (e.g., CB, tape deck, air conditioner)
- (09) Left instrument panel and below
- (10) Center instrument panel and below
- (11) Right instrument panel and below
- (12) Glove compartment door
- (13) Knee bolster
- (14) Windshield including one or more of the following: front header, A-pillar, instrument panel, mirror, or steering assembly (driver side only)
- (15) Windshield including one or more of the following: front header, A-pillar, instrument panel, or mirror (passenger side only)
- (16) Other front object (specify): \_\_\_\_\_

## LEFT SIDE

- (20) Left side interior surface, excluding hardware or armrests
- (21) Left side hardware or armrest
- (22) Left A pillar
- (23) Left B pillar
- (24) Other left pillar (specify): \_\_\_\_\_
- (25) Left side window glass or frame

- (26) Left side window glass including one or more of the following: frame, window sill, A pillar, B pillar, or roof side rail.
- (27) Other left side object (specify): \_\_\_\_\_
- (28) Left side window sill

## RIGHT SIDE

- (30) Right side interior surface, excluding hardware or armrests
- (31) Right side hardware or armrest
- (32) Right A pillar
- (33) Right B pillar
- (34) Other right pillar (specify): \_\_\_\_\_
- (35) Right side window glass or frame
- (36) Right side window glass including one or more of the following: frame, window sill, A pillar, B pillar, or roof side rail.
- (37) Other right side object (specify): \_\_\_\_\_
- (38) Right side window sill

## INTERIOR

- (40) Seat, back support
- (41) Belt restraint webbing/buckle
- (42) Belt restraint B-pillar attachment point
- (43) Other restraint system component (specify): \_\_\_\_\_
- (44) Head restraint system
- (45) Air bag
- (46) Other occupants (specify): \_\_\_\_\_
- (47) Interior loose objects

- (48) Child safety seat (specify): \_\_\_\_\_

- (49) Other interior object (specify): \_\_\_\_\_

## ROOF

- (50) Front header
- (51) Rear header
- (52) Roof left side rail
- (53) Roof right side rail
- (54) Roof or convertible top

## FLOOR

- (56) Floor (including toe pan)
- (57) Floor or console mounted transmission lever, including console
- (58) Parking brake handle
- (59) Foot controls including parking brake

## REAR

- (60) Backlight (rear window)
- (61) Backlight storage rack, door, etc.
- (62) Other rear object (specify): \_\_\_\_\_

## CONFIDENCE LEVEL OF CONTACT POINT

- (1) Certain
- (2) Probable
- (3) Possible
- (9) Unknown

## AUTOMATIC RESTRAINTS

**NOTES:** Encode the data for each applicable front seat position. The attribute for the variables may be found below. Restraint systems should be assessed during the vehicle inspection then coded on the Occupant Assessment Form.

### AIR BAGS

		Left	Right
FIRST	Availability/Function	0	0
	Deployment	1	1
	Failure	1	1

#### Air Bag System Availability/Function

- (0) Not equipped/not available  
(1) Air bag

#### Non-functional

- (2) Air bag disconnected (specify): \_\_\_\_\_

- (3) Air bag not reinstalled

- (9) Unknown

#### Air Bag System Deployment

- (0) Not equipped/not available  
(1) Air bag deployed during accident (as a result of impact)  
(2) Air bag deployed inadvertently just prior to accident  
(3) Air bag deployed, accident sequence undetermined  
(4) Nondeployed  
(5) Unknown if deployed  
(6) Air bag deployed as a result of a noncollision event during accident sequence (e.g., fire, explosion, electrical)  
(9) Unknown

#### Did Air Bag System Fail?

- (0) Not equipped/not available  
(1) No  
(2) Yes (specify): \_\_\_\_\_  
(9) Unknown

### AUTOMATIC BELTS

		Left	Right
FIRST	Availability/Function	1	1
	Use	1	2
	Type	2	2
	Proper Use	1	0
	Failure Modes	1	0

#### Automatic (Passive) Belt System Availability/Function

- (0) Not equipped/not available  
(1) 2 point automatic belts ✓  
(2) 3 point automatic belts  
(3) Automatic belts - type unknown

#### Non-functional

- (4) Automatic belts destroyed or rendered inoperative  
(9) Unknown

#### Automatic (Passive) Belt System Use

- (0) Not equipped/not available/destroyed or rendered inoperative  
(1) Automatic belt in use ✓  
(2) Automatic belt not in use (manually disconnected, motorized track inoperative)  
(3) Automatic belt use unknown  
(9) Unknown

#### Automatic (Passive) Belt System Type

- (0) Not equipped/not available  
(1) Non-motorized system  
(2) Motorized system  
(9) Unknown

#### Proper Use of Automatic (Passive) Belt System

- (0) Not equipped/not available/not used  
(1) Automatic belt used properly  
(2) Automatic belt used properly with child safety seat

#### Automatic Belt Used Improperly

- (3) Automatic shoulder belt worn under arm  
(4) Automatic shoulder belt worn behind back  
(5) Automatic belt worn around more than one person  
(6) Lap portion of automatic belt worn on abdomen  
(7) Automatic lap and shoulder belt or automatic shoulder belt used improperly with child safety seat (specify): \_\_\_\_\_

- (8) Other improper use of automatic belt system (specify): \_\_\_\_\_

- (9) Unknown

#### Automatic (Passive) Belt Failure Modes During Accident

- (0) Not equipped/not available/not in use  
(1) No automatic belt failure(s)  
(2) Torn webbing (stretched webbing not included)  
(3) Broken buckle or latchplate  
(4) Upper anchorage separated  
(5) Other anchorage separated (specify): \_\_\_\_\_  
(6) Broken retractor  
(7) Combination of above (specify): \_\_\_\_\_  
(8) Other automatic belt failure (specify): \_\_\_\_\_  
(9) Unknown

**MANUAL RESTRAINTS**

**NOTES:** Encode the applicable data for each seat position in the vehicle. The attribute for the variable may be found below. Restraint systems should be assessed during the vehicle inspection then coded on the Occupant Assessment Form.

If a Child safety seat is present, encode the data on the back of this page.

If the vehicle has automatic restraints available, encode the appropriate data on the back of the previous page.

		Left	Center	Right
FIRST	Availability	3	0	3
	Use	00	00	00
	Failure Modes	0	0	0
SECOND	Availability	4	0	4
	Use	00	00	00
	Failure Modes	0	0	0
THIRD	Availability	/	/	/
	Use			
	Failure Modes			
OTHER	Availability	/	/	/
	Use			
	Failure Modes			

**Manual (Active) Belt System Availability**

- (0) None available
- (1) Belt removed/destroyed
- (2) Shoulder belt
- (3) Lap belt
- (4) Lap and shoulder belt
- (5) Belt available - type unknown

**Integral Belt Partially Destroyed**

- (6) Shoulder belt (lap belt destroyed/removed)
- (7) Lap belt (shoulder belt destroyed/removed)

(8) Other belt (specify): \_\_\_\_\_

(9) Unknown

**Manual (Active) Belt System Use**

- (00) None used, not available, or belt removed/destroyed
- (01) Inoperable (specify): \_\_\_\_\_
- (02) Shoulder belt
- (03) Lap belt
- (04) Lap and shoulder belt
- (05) Belt used - type unknown

**(08) Other belt used (specify):**

- (12) Shoulder belt used with child safety seat
- (13) Lap belt used with child safety seat
- (14) Lap and shoulder belt used with child safety seat
- (15) Belt used with child safety seat - type unknown
- (18) Other belt used with child safety seat (specify): \_\_\_\_\_
- (99) Unknown if belt used

**Manual (Active) Belt Failure Modes During Accident**

- (0) No manual belt used or not available
- (1) No manual belt failure(s)
- (2) Torn webbing (stretched webbing not included)
- (3) Broken buckle or latchplate
- (4) Upper anchorage separated
- (5) Other anchorage separated (specify): \_\_\_\_\_
- (6) Broken retractor
- (7) Combination of above (specify): \_\_\_\_\_
- (8) Other manual belt failure (specify): \_\_\_\_\_
- (9) Unknown

## CHILD SAFETY SEAT FIELD ASSESSMENT

When a child safety seat is present enter the occupant's number in the first row and complete the column below the occupant's number using the codes listed below. Complete a column for each child safety seat present.

Occupant Number						
1. Type of Child Safety Seat						
2. Child Safety Seat Orientation						
3. Child Safety Seat Harness Usage						
4. Child Safety Seat Shield Usage						
5. Child Safety Seat Tether Usage						
6. Child Safety Seat Make/Model	Specify Below for Each Child Safety Seat					

**1. Type of Child Safety Seat**

(0) No child safety seat  
 (1) Infant seat  
 (2) Toddler seat  
 (3) Convertible seat  
 (4) Booster seat  
 (7) Other type child safety seat (specify): \_\_\_\_\_  
 (8) Unknown child safety seat type  
 (9) Unknown if child safety seat used

**2. Child Safety Seat Orientation**

(00) No child safety seat  
 Designed for Rear Facing for This Age/Weight  
 (01) Rear facing  
 (02) Forward facing  
 (08) Other orientation (specify): \_\_\_\_\_  
 (09) Unknown orientation

Designed for Forward Facing for This Age/Weight  
 (11) Rear facing  
 (12) Forward facing  
 (18) Other orientation (specify): \_\_\_\_\_  
 (19) Unknown orientation

Unknown Design or Orientation For This Age/Weight, or Unknown Age/Weight  
 (21) Rear facing  
 (22) Forward facing  
 (28) Other orientation (specify): \_\_\_\_\_  
 (29) Unknown orientation

(99) Unknown if child safety seat used

**3. Child Safety Seat Harness Usage**

**4. Child Safety Seat Shield Usage**

**5. Child Safety Seat Tether Usage**  
 Note: Options Below Are Used for Variables 3-5.  
 (00) No child safety seat

Not Designed with Harness/Shield/Tether  
 (01) After market harness/shield/tether added, not used  
 (02) After market harness/shield/tether used  
 (03) Child safety seat used, but no after market harness/shield/tether added  
 (09) Unknown if harness/shield/tether added or used

Designed With Harness/Shield/Tether  
 (11) Harness/shield/tether not used  
 (12) Harness/shield/tether used  
 (19) Unknown if harness/shield/tether used

Unknown If Designed With Harness/Shield/Tether  
 (21) Harness/shield/tether not used  
 (22) Harness/shield/tether used  
 (29) Unknown if harness/shield/tether used

(99) Unknown if child safety seat used

**6. Child Safety Seat Make/Model**  
 (Specify make/model and occupant number)  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

**HEAD RESTRAINTS/SEAT EVALUATION**

NOTES: Encode the applicable data for each seat position in the vehicle. The attribute for these variables may be found at the bottom of the page. Head restraint type/damage and seat type/performance should be assessed during the vehicle inspection then coded on the Occupant Assessment Form.

		Left	Center	Right
FIRST	Head Restraint Type/Damage	3	0	3
	Seat Type	02	00	00
	Seat Performance	1	0	1
	Seat Orientation	1	0	1
SECOND	Head Restraint Type/Damage	0	0	0
	Seat Type	05	05	03
	Seat Performance	1	1	1
	Seat Orientation	1	1	1
THIRD	Head Restraint Type/Damage	/		
	Seat Type			
	Seat Performance			
	Seat Orientation			
OTHER	Head Restraint Type/Damage	/		
	Seat Type			
	Seat Performance			
	Seat Orientation			

**Head Restraint Type/Damage by Occupant at This Occupant Position**

- (0) No head restraints
- (1) Integral — no damage
- (2) Integral — damaged during accident
- (3) Adjustable — no damage
- (4) Adjustable — damaged during accident
- (5) Add-on — no damage
- (6) Add-on — damaged during accident
- (8) Other Specify: \_\_\_\_\_

(9) Unknown

**Seat Type (this Occupant Position)**

- (00) No seat
- (01) Bucket
- (02) Bucket with folding back
- (03) Bench
- (04) Bench with separate back cushions
- (05) Bench with folding back(s)
- (06) Split bench with separate back cushions
- (07) Split bench with folding back(s)
- (08) Pedestal (i.e., column supported)
- (09) Other seat type (specify): \_\_\_\_\_

(10) Box mounted seat (i.e., van type)

(99) Unknown

**Seat Performance (this Occupant Position)**

- (0) No seat
- (1) No seat performance failure(s)
- (2) Seat adjusters failed
- (3) Seat back folding locks or "seat back" failed specify: \_\_\_\_\_
- (4) Seat tracks/anchors failed
- (5) Deformed by impact of occupant
- (6) Deformed by passenger compartment intrusion (specify): \_\_\_\_\_

(7) Combination of above (specify): \_\_\_\_\_

(8) Other (specify): \_\_\_\_\_

(9) Unknown

**Seat Orientation (this Occupant Position)**

- (0) No seat
- (1) Forward facing seat
- (2) Rear facing seat
- (3) Side facing seat (inward)
- (4) Side facing seat (outward)
- (8) Other (specify): \_\_\_\_\_

(9) Unknown

**DESCRIBE ANY INDICATION OF ABNORMAL OCCUPANT POSTURE (I.E., UNUSUAL OCCUPANT CONTACT PATTERN)**

**EJECTION/ENTRAPMENT DATA**

Complete the following if the researcher has any indication that an occupant was either ejected from or entrapped in the vehicle. Code the appropriate data on the Occupant Assessment Form.

**EJECTION** No [ ☒ ] Yes [ ☐ ]

Describe indications of ejection and body parts involved in partial ejection(s):

---



---



---



---

Occupant Number						
Ejection						
(Note on Vehicle Interior Sketch) Ejection Area						
Ejection Medium						
Medium Status						

**Ejection**

- (1) Complete ejection
- (1) Partial ejection
- (3) Ejection, Unknown degree
- (9) Unknown

**Ejection Area**

- (1) Windshield
- (2) Left front
- (3) Right front
- (4) Left rear
- (5) Right rear
- (6) Rear

**(7) Roof**

- (8) Other area (e.g., back of pickup, etc.) (specify):

**(9) Unknown****Ejection Medium**

- (1) Door/hatch/tailgate
- (2) Nonfixed roof structure
- (3) Fixed glazing
- (4) Nonfixed glazing (specify):

**(5) Integral structure**

- (8) Other medium (specify):

**(9) Unknown****Medium Status (Immediately Prior to Impact)**

- (1) Open
- (2) Closed
- (3) Integral structure
- (9) Unknown

**ENTRAPMENT** No [ ☒ ] Yes [ ☐ ]

Describe entrapment mechanism:

removed by EMS through windshield but NOT entrapped

Component(s):

(Note in vehicle interior diagram)

26. Seat Type (this Occupant Position) 02

- (00) Occupant not seated or no seat
- (01) Bucket
- (02) Bucket with folding back
- (03) Bench
- (04) Bench with separate back cushions
- (05) Bench with folding back(s)
- (06) Split bench with separate back cushions
- (07) Split bench with folding back(s)
- (08) Pedestal (i.e., column supported)
- (09) Other seat type (specify): \_\_\_\_\_
- (10) Box mounted seat (i.e., van type)
- (99) Unknown

27. Seat Performance (this Occupant Position) 1

- (0) Occupant not seated or no seat
- (1) No seat performance failure(s)
- (2) Seat adjusters failed
- (3) Seat back folding locks or "seat back" failed
- (4) Seat track/anchors failed
- (5) Deformed by impact of occupant
- (6) Deformed by passenger compartment intrusion (specify): \_\_\_\_\_
- (7) Combination of above (specify): \_\_\_\_\_
- (8) Other (specify): \_\_\_\_\_
- (9) Unknown

**CHILD SAFETY SEAT**28. Child Safety Seat Make/Model 000

- (000) No child safety seat
- Applicable codes are found in your NASS CDS Data Collection, Coding and Editing
- (950) Built-in child safety seat
- (997) Other make/model (specify): \_\_\_\_\_
- (998) Unknown make/model
- (999) Unknown if child safety seat used

29. Type of Child Safety Seat 0

- (0) No child safety seat
- (1) Infant seat
- (2) Toddler seat
- (3) Convertible seat
- (4) Booster seat
- (7) Other type child safety seat (specify): \_\_\_\_\_
- (8) Unknown child safety seat type
- (9) Unknown if child safety seat used

30. Child Safety Seat Orientation 00

- (00) No child safety seat

*Designed for Rear Facing for This Age/Weight*

- (01) Rear facing
- (02) Forward facing
- (08) Other orientation (specify): \_\_\_\_\_

- (09) Unknown orientation

*Designed For Forward Facing for This Age/Weight*

- (11) Rear facing
- (12) Forward facing
- (18) Other orientation (specify): \_\_\_\_\_

- (19) Unknown orientation

*Unknown Design or Orientation For This Age/Weight, or Unknown Age/Weight*

- (21) Rear facing
- (22) Forward facing
- (28) Other orientation (specify): \_\_\_\_\_

- (29) Unknown orientation

- (99) Unknown if child safety seat used

31. Child Safety Seat Harness Usage 0032. Child Safety Seat Shield Usage 0033. Child Safety Seat Tether Usage 00

Note: Options below applicable to Variables OA31-OA33.

- (00) No child safety seat

*Not Designed With Harness/Shield/Tether*

- (01) After market harness/shield/tether added, not used
- (02) After market harness/shield/tether used
- (03) Child safety seat used, but no after market harness/shield/tether added
- (09) Unknown if harness/shield/tether added or used

*Designed With Harness/Shield/Tether*

- (11) Harness/shield/tether not used
- (12) Harness/shield/tether used
- (19) Unknown if harness/shield/tether used

*Unknown If Designed With Harness/Shield/Tether*

- (21) Harness/shield/tether not used
- (22) Harness/shield/tether used
- (29) Unknown if harness/shield/tether used

- (99) Unknown if child safety seat used



PSU NUMBER

72

CASE NUMBER

119K

VEHICLE NUMBER

01

OCCUPANT NUMBER

01

# OCCUPANT INJURY FORM

*THE FOLLOWING DATA IS NOT INCLUDED IN THIS CASE:*

☒ ENTIRE FORM

☐ PAGE NUMBER (S) \_\_\_\_\_

# Printed Case Data

92  
Zone Center 3

1992 ACCIDENT FORM

1. PSU Number 72

2. Case Number 119K

## IDENTIFICATION

3. No. of G.V. Forms Sub. 01 4. Accident Date 92 5. Accident Time 0115

## SPECIAL STUDIES INDICATORS

6. SS12 0 7. SS13 0 8. SS14 0 9. SS15 0 10. SS16 0

NUMBER OF EVENTS 11. Number of Recorded Events in Accident 03

## ACCIDENT EVENTS

Accident Sequence Number	Vehicle Number	Class of Vehicle	General Area of Damage	Veh. Num. or Obj. Cont.	Class of Vehicle	General Area of Damage
012. 01	013. 01	014. 01	015. F	016. 71	017. 00	018. 0
019. 02	020. 01	021. 01	022. R	023. 71	024. 00	025. 0
026. 03	027. 01	028. 01	029. L	030. 31	031. 00	032. N

\*\*\*\*\*

## 1992 GENERAL VEHICLE FORM

1. PSU Number 72  
 2. Case Number 119K  
 3. Vehicle Number 01

## VEHICLE IDENTIFICATION

4. Model Year 90 5. Make 12  
 6. Model 013 7. Body Type 03  
 8. VIN 1FAPP9194LT

## OFFICIAL RECORDS

9. Police Reported Disposition 1 10. Police Reported Travel Speed 99  
 11. Police Rep. Alcohol Presence 0 12. Alcohol Test Result for Driver 96

## ACCIDENT RELATED

13. Speed Limit 30 14. Attempted Avoid. Manuever 99  
 15. Accident Type 11

## OCCUPANT RELATED

16. Driver Presence in Vehicle 1 17. No. Occupants This Vehicle 01  
 18. No. Occupant Forms Submitted 01

## VEHICLE WEIGHT ITEMS

19. Vehicle Curb Weight 022 20. Vehicle Cargo Weight 00

## RECONSTRUCTION DATA

21. Towed Trailing Unit 0 22. Trajectory Data Documented 0  
 23. Post Col. Cond. of Tree/Pole 0 24. Rollover 1

## OVERRIDE/UNDERRIDE (this vehicle)

25. F 0 26. R 0

## HEADING ANGLE AT IMPACT FOR HIGHEST DELTA V

27. Heading Angle This Vehicle 185 28. Heading Angle Other Vehicle 180  
 29. Basis for Total Delta V 6

## COMPUTER GENERATED DELTA V

30. Total Delta V 99  
 31. Longitudinal Component of Delta V 99  
 32. Lateral Component of Delta V 99  
 33. Energy Absorption 9999  
 34. Confidence in Reconstruction Program Results 0  
 35. Type of Vehicle Inspection 1  
 36. Is this an AOPS vehicle? 1

37. Police Reported Other Drug Presence	0
38. Police Observation/Perception Test Type for Driver	0
39. Other Drug Specimen Test Type for Driver	0

DRUG EVALUATION CLASSIFICATION/OTHER TEST RESULTS FOR DRIVER

	DEC Observation/ Perception Test Results	Specimen Test Results
Narcotic Drug	40. 0	41. 0
Depressant Drug	42. 0	43. 0
Stimulant Drug	44. 0	45. 0
Hallucinogen Drug	46. 0	47. 0
Cannabinoid Drug	48. 0	49. 0
Phencyclidine(PCP)	50. 0	51. 0
Inhalant Drug	52. 0	53. 0
Other Drug	54. 0	55. 0

OTHER DATA

56. Driver's Zip Code		57. Driver's Race/Ethnic Origin	9
58. Vehicle Special Use (This Trip)	0		

ROLLOVER DATA

59. Rollover Initiation Type	2	60. Location of Rollover Initiation	1
61. Rollover Initiation Object Contacted	71	62. Location on Vehicle Where Initial Principal Tripping Force Applied	3
63. Direction of Initial Roll	2		

PRECRAASH DATA

64. Pre-Event Movement (Prior to 01 Recognition of Critical Event)		65. Initial Critical (Precrash) Event	11
66. Precrash Stability After Avoidance Maneuver	9	67. Precrash Directional Consequences Corrective Action	9

GG0421 2 If ROLLOVER GV24 equals 1-9, then BASIS FOR DELTA V GV29 should  
GG0422 equal 4 or 5.

\*\*\*\*\*

## 1992 VEHICLE EXTERIOR FORM

1. PSU Number 72  
 2. Case Number 119K  
 3. Vehicle Number 01

COLLISION DEFORMATION CLASSIFICATION  
 HIGHEST DELTA "V"

Accident Sequence Number	Object Contacted	Direction of Force	Deform. Location	Specific Longitud. or lat. Location	Specific Vertical or Lateral Location	Type of Damage Distrib.	Deform. Extent
4. 01	5. 71	6. 12	7. F	8. R	9. E	10. E	11. 02

## SECOND HIGHEST DELTA "V"

12. 03	13. 31	14. 00	15. L	16. D	17. E	18. 0	19. 01
--------	--------	--------	-------	-------	-------	-------	--------

CRUSH PROFILE  
 HIGHEST DELTA "V"

20. L	21. C1	C2	C3	C4	C5	C6	22. +/-D
060	00	00	01	02	03	30	+026

## SECOND HIGHEST DELTA "V"

23. L	24. C1	C2	C3	C4	C5	C6	25. +/-D
-------	--------	----	----	----	----	----	----------

26. CDCS Documented but not coded 1 27. Researchers Assess. Veh. Disp. 1

28. Original Wheelbase 094.2

29. Multi-staged Manufactured/Certified Altered Vehicle?	0
30. Fire Occurrence	0
31. Origin of Fire	0
32. Type of Fuel Tank	1

\*\*\*\*\*

1992 VEHICLE INTERIOR FORM

1. PSU Number 72  
2. Case Number 119K  
3. Vehicle Number 01

INTEGRITY

4. Passenger Compartment 06

Door, Tailgate or Hatch opening

5. LF 1 6. RF 1 7. LR 0 8. RR 0 9. TG/H 1

Damage/Failure Associated with Door, Tailgate or  
Hatch Opening in Collision

10. LF 0 11. RF 0 12. LR 0 13. RR 0 14. TG/H 0

GLAZING

Glazing Damage

15. WS 2 16. LF 6 17. RF 0 18. LR 0 19. RR 0  
20. BL 0 21. Roof 8 22. Other 8

Glazing Damage from Occupant Contact

23. WS 0 24. LF 0 25. RF 0 26. LR 0 27. RR 0  
28. BL 0 29. Roof 0 30. Other 0

GLAZING (Cont.)

Type of Window/Windshield Glazing

31. WS 1 32. LF 2 33. RF 0 34. LR 0 35. RR 0  
36. BL 0 37. Roof 0 38. Other 0

Window Precrash Glazing Status

39. WS 1 40. LF 2 41. RF 0 42. LR 0 43. RR 0  
44. BL 0 45. Roof 0 46. Other 0

## OCCUPANT AREA INTRUSION

Location of Intrusion	Intruding Component	Magnitude of Intrusion	Dominant Crush Direction
47. 11	48. 31	49. 2	50. 3
51.	52.	53.	54.
55.	56.	57.	58.
59.	60.	61.	62.
63.	64.	65.	66.
67.	68.	69.	70.
71.	72.	73.	74.
75.	76.	77.	78.
79.	80.	81.	82.
83.	84.	85.	86.

## STEERING COLUMN

87. Steering Column Type	1	88. Steering Column Collapse	
89. Vertical Movement(+/-)		90. Lateral Movement(+/-)	
91. Longitudinal Movement(+/-)		92. Steering Rim/Spoke Deform	0
93. Location of Rim/Spoke Deform	00		

## INSTRUMENT PANEL

94. Odometer Reading	027,000	95. Instrument Panel Damage	0
96. Knee Bolsters Deformed	8	97. Glove Door Open	0

\*\*\*\*\*

## 1992 OCCUPANT ASSESSMENT FORM

1. PSU Number 72  
2. Case Number 119K  
3. Vehicle Number 01  
4. Occupant Number 01

## OCCUPANT'S CHARACTERISTICS

5. Age 44 6. Sex 1 7. Height 99 8. Weight 999 9. Role 1  
10. Seat Position 11 11. Posture 9

## EJECTION/ENTRAPMENT

12. Ejection 0 13. Ejection Area 0 14. Ejection Medium 0  
15. Medium Status 0 16. Entrapment 0

## RESTRAINT SYSTEM AND SEAT EVALUATION

17. Belt System Availability 3 18. Belt System Use 00  
19. Proper Use of Belt 0 20. Belt Failure Modes During Impact 0  
21. Air Bag Availability 0 22. Air Bag Deployment 0  
23. Did Air Bag Fail? 0 24. Police Reported Restraint Use 5  
25. Head Restraint Type/Damage by Occupant at this Position 3  
26. Seat Type 02 27. Seat Performance 1

## CHILD SAFETY SEAT

28. Child/Safety Seat Make/Model 000  
29. Type of Child Safety Seat 0  
30. Orientation 00  
31. Harness 00  
32. Shield 00  
33. Tether 00



# INJURY CONSEQUENCES

34. Severity (Police Rating)	3	35. Treatment - Mortality	3
36. Type of Med. Facility (Initial)	1	37. Hospital Stay	99
38. Working Days Lost	99	39. Time to Death	00

# MEDICALLY REPORTED CAUSE OF DEATH

40. Cause #1	00	41. Cause #2	00	42. Cause #3	00
43. Number of Recorded Injuries	97				

44. Automatic (Passive) Belt System Availability/Function	1
45. Automatic (Passive) Belt System Use	1
46. Automatic (Passive) Belt System Type	2
47. Proper Use of Automatic (Passive) Belt System	1
48. Automatic (Passive) Belt System Failure Mode	1
49. Seat Orientation (this Occupant Position)	1
50. Glasgow Coma Scale (GCS) Score	97
51. Was the Occupant Given Blood?	9
52. Arterial Blood Gases (ABG) - HCO3	97

\*\*\*\*\*

AG0011 2 If CASE AC02(4) equals B, D, F, H or K, then at least one MODEL  
AG0012 YEAR GV04 should equal 00-87 or 99.

1992 NATIONAL ACCIDENT SAMPLING SYSTEM

ERROR SUMMARY SCREEN

1992

CURRENT VERSION: 5.01

FORM NAME	NUMBER OF DOLLAR SIGNS	NUMBER OF LEVEL 1 ERRORS	NUMBER OF LEVEL 2 ERRORS	VERSION NUMBER CONSISTENT
Accident	0	0	0	Y
General Vehicle	0	0	1	Y
Vehicle Exterior	0	0	0	Y
Vehicle Interior	0	0	0	Y
Occupant Assessment	0	0	0	Y
Occupant Injury	0	0	0	Y
Total Inter Errors		0	1	
Total Case Errors	0	0	2	

## 1992 ACCIDENT FORM

1. PSU Number 72

2. Case Number 119K

## IDENTIFICATION

3. No. of G.V. Forms Sub. 01 4. Accident Date 92 5. Accident Time 0115

## SPECIAL STUDIES INDICATORS

6. SS12 0 7. SS13 0 8. SS14 0 9. SS15 0 10. SS16 0

NUMBER OF EVENTS 11. Number of Recorded Events in Accident 03

## ACCIDENT EVENTS

Accident Sequence Number	Vehicle Number	Class of Vehicle	General Area of Damage	Veh. Num. or Obj. Cont.	Class of Vehicle	General Area of Damage
012. 01	013. 01	014. 01	015. F	016. 71	017. 00	018. 0
019. 02	020. 01	021. 01	022. R	023. 71	024. 00	025. 0
026. 03	027. 01	028. 01	029. L	030. 31	031. 00	032. N

\*\*\*\*\*

## 1992 GENERAL VEHICLE FORM

1. PSU Number 72  
 2. Case Number 119K  
 3. Vehicle Number 01

## VEHICLE IDENTIFICATION

4. Model Year 90  
 6. Model 013  
 8. VIN 1FAPP9194LT

5. Make 12  
 7. Body Type 03

## OFFICIAL RECORDS

9. Police Reported Disposition 1 10. Police Reported Travel Speed 99  
 11. Police Rep. Alcohol Presence 0 12. Alcohol Test Result for Driver 96

## ACCIDENT RELATED

13. Speed Limit 30 14. Attempted Avoid. Manuever 99  
 15. Accident Type 11

## OCCUPANT RELATED

16. Driver Presence in Vehicle 1 17. No. Occupants This Vehicle 01  
 18. No. Occupant Forms Submitted 01

## VEHICLE WEIGHT ITEMS

19. Vehicle Curb Weight 022 20. Vehicle Cargo Weight 00

## RECONSTRUCTION DATA

21. Towed Trailing Unit 0 22. Trajectory Data Documented 0  
 23. Post Col. Cond. of Tree/Pole 0 24. Rollover 1

## OVERRIDE/UNDERRIDE (this vehicle)

25. F 0 26. R 0

## HEADING ANGLE AT IMPACT FOR HIGHEST DELTA V

27. Heading Angle This Vehicle 185 28. Heading Angle Other Vehicle 180  
 29. Basis for Total Delta V 6

## COMPUTER GENERATED DELTA V

30. Total Delta V 99  
 31. Longitudinal Component of Delta V 99  
 32. Lateral Component of Delta V 99  
 33. Energy Absorption 9999  
 34. Confidence in Reconstruction Program Results 0  
 35. Type of Vehicle Inspection 1  
 36. Is this an AOPS vehicle? 1

37. Police Reported Other Drug Presence	0
38. Police Observation/Perception Test Type for Driver	0
39. Other Drug Specimen Test Type for Driver	0

DRUG EVALUATION CLASSIFICATION/OTHER TEST RESULTS FOR DRIVER

	DEC Observation/ Perception Test Results	Specimen Test Results
Narcotic Drug	40. 0	41. 0
Depressant Drug	42. 0	43. 0
Stimulant Drug	44. 0	45. 0
Hallucinogen Drug	46. 0	47. 0
Cannabinoid Drug	48. 0	49. 0
Phencyclidine(PCP)	50. 0	51. 0
Inhalant Drug	52. 0	53. 0
Other Drug	54. 0	55. 0

OTHER DATA

56. Driver's Zip Code		57. Driver's Race/Ethnic Origin	9
58. Vehicle Special Use (This Trip)	0		

ROLLOVER DATA

59. Rollover Initiation Type	2	60. Location of Rollover Initiation	1
61. Rollover Initiation Object Contacted	71	62. Location on Vehicle Where Initial Principal Tripping Force Applied	3
63. Direction of Initial Roll	2		

PRECRASH DATA

64. Pre-Event Movement (Prior to 01 Recognition of Critical Event)		65. Initial Critical (Precrash) Event	11
66. Precrash Stability After Avoidance Maneuver	9	67. Precrash Directional Consequences Corrective Action	9

GG0421 2 If ROLLOVER GV24 equals 1-9, then BASIS FOR DELTA V GV29 should  
GG0422 equal 4 or 5.

*OK TCM*

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## 1992 VEHICLE EXTERIOR FORM

1. PSU Number 72  
 2. Case Number 119K  
 3. Vehicle Number 01

COLLISION DEFORMATION CLASSIFICATION  
 HIGHEST DELTA "V"

Accident Sequence Number	Object Contacted	Direction of Force	Deform. Location	Specific Longitud. or lat. Location	Specific Vertical or Lateral Location	Type of Damage Distrib.	Deform. Extent
4. 01	5. 71	6. 12	7. F	8. R	9. E	10. E	11. 02

## SECOND HIGHEST DELTA "V"

12. 03	13. 31	14. 00	15. L	16. D	17. E	18. 0	19. 01
--------	--------	--------	-------	-------	-------	-------	--------

CRUSH PROFILE  
 HIGHEST DELTA "V"

20. L	21. C1	C2	C3	C4	C5	C6	22. +/-D
060	00	00	01	02	03	30	+026

## SECOND HIGHEST DELTA "V"

23. L	24. C1	C2	C3	C4	C5	C6	25. +/-D
-------	--------	----	----	----	----	----	----------

26. CDCS Documented but not coded 1      27. Researchers Assess. Veh. Disp. 1

28. Original Wheelbase 094.2

29. Multi-staged Manufactured/Certified Altered Vehicle?	0
30. Fire Occurrence	0
31. Origin of Fire	0
32. Type of Fuel Tank	1

\*\*\*\*\*

1992 VEHICLE INTERIOR FORM

1. PSU Number 72  
2. Case Number 119K  
3. Vehicle Number 01

INTEGRITY

4. Passenger Compartment 06

Door, Tailgate or Hatch opening

5. LF 1 6. RF 1 7. LR 0 8. RR 0 9. TG/H 1

Damage/Failure Associated with Door, Tailgate or Hatch Opening in Collision

10. LF 0 11. RF 0 12. LR 0 13. RR 0 14. TG/H 0

GLAZING

Glazing Damage

15. WS 2 16. LF 6 17. RF 0 18. LR 0 19. RR 0  
20. BL 0 21. Roof 8 22. Other 8

Glazing Damage from Occupant Contact

23. WS 0 24. LF 0 25. RF 0 26. LR 0 27. RR 0  
28. BL 0 29. Roof 0 30. Other 0

GLAZING (Cont.)

*Fixed TCM*

Type of Window/Windshield Glazing

31. WS 0 32. LF 2 33. RF 0 34. LR 0 35. RR 0  
36. BL 0 37. Roof 0 38. Other 0

Window Pre-crash Glazing Status

39. WS 0 40. LF 2 41. RF 0 42. LR 0 43. RR 0  
44. BL 0 45. Roof 0 46. Other 0

## OCCUPANT AREA INTRUSION

Location of Intrusion	Intruding Component	Magnitude of Intrusion	Dominant Crush Direction
47. 11	48. 31	49. 2	50. 3
51.	52.	53.	54.
55.	56.	57.	58.
59.	60.	61.	62.
63.	64.	65.	66.
67.	68.	69.	70.
71.	72.	73.	74.
75.	76.	77.	78.
79.	80.	81.	82.
83.	84.	85.	86.

## STEERING COLUMN

87. Steering Column Type	1	88. Steering Column Collapse	
89. Vertical Movement(+/-)		90. Lateral Movement(+/-)	
91. Longitudinal Movement(+/-)		92. Steering Rim/Spoke Deform	0
93. Location of Rim/Spoke Deform	00		

## INSTRUMENT PANEL

94. Odometer Reading	027,000	95. Instrument Panel Damage	0
96. Knee Bolsters Deformed	8	97. Glove Door Open	0

CC0221 1 If TYPE COMPONENT IV15(n) equals 0, then GLAZING COMPONENT  
 CC0222 IV15(n) must equal 0, 7 or 8.

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## 1992 OCCUPANT ASSESSMENT FORM

1. PSU Number 72  
2. Case Number 119K  
3. Vehicle Number 01  
4. Occupant Number 01

## OCCUPANT'S CHARACTERISTICS

5. Age 44 6. Sex 1 7. Height 99 8. Weight 999 9. Role 1  
10. Seat Position 11 11. Posture 9

## EJECTION/ENTRAPMENT

12. Ejection 0 13. Ejection Area 0 14. Ejection Medium 0  
15. Medium Status 0 16. Entrapment 0

## RESTRAINT SYSTEM AND SEAT EVALUATION

17. Belt System Availability 3 18. Belt System Use 00  
19. Proper Use of Belt 0 20. Belt Failure Modes During Impact 0  
21. Air Bag Availability 0 22. Air Bag Deployment 0  
23. Did Air Bag Fail? 0 24. Police Reported Restraint Use 5  
25. Head Restraint Type/Damage by Occupant at this Position 3  
26. Seat Type 02 27. Seat Performance 1

## CHILD SAFETY SEAT

28. Child/Safety Seat Make/Model	000
29. Type of Child Safety Seat	0
30. Orientation	00
31. Harness	00
32. Shield	00
33. Tether	00

## INJURY CONSEQUENCES

34. Severity (Police Rating)	3	35. Treatment - Mortality	3
36. Type of Med. Facility (Initial)	1	37. Hospital Stay	99
38. Working Days Lost	99	39. Time to Death	00

## MEDICALLY REPORTED CAUSE OF DEATH

40. Cause #1	00	41. Cause #2	00	42. Cause #3	00
43. Number of Recorded Injuries	97				

44. Automatic (Passive) Belt System Availability/Function	1
45. Automatic (Passive) Belt System Use	1
46. Automatic (Passive) Belt System Type	2
47. Proper Use of Automatic (Passive) Belt System	1
48. Automatic (Passive) Belt System Failure Mode	1
49. Seat Orientation (this Occupant Position)	1
50. Glasgow Coma Scale (GCS) Score	97
51. Was the Occupant Given Blood?	9
52. Arterial Blood Gases (ABG) - HCO3	97

\*\*\*\*\*

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AG0012 YEAR GV04 should equal 00-87 or 99.

1992 NATIONAL ACCIDENT SAMPLING SYSTEM

ERROR SUMMARY SCREEN

1992

CURRENT VERSION: 5.01

FORM NAME	NUMBER OF DOLLAR SIGNS	NUMBER OF LEVEL 1 ERRORS	NUMBER OF LEVEL 2 ERRORS	VERSION NUMBER CONSISTENT
Accident	0	0	0	Y
General Vehicle	0	0	1	Y
Vehicle Exterior	0	0	0	Y
Vehicle Interior	0	1	0	Y
Occupant Assessment	0	0	0	Y
Occupant Injury	0	0	0	Y
Total Inter Errors		0	1	
Total Case Errors	0	1	2	

*Fixed TCM*

*70K TCM*

[illegible]

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AG0011 2 If CASE AC02(4) equals B, D, F, H or K, then at least one MODEL
AG0012 YEAR GV04 should equal 00-87 or 99.
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## 1992 NATIONAL ACCIDENT SAMPLING SYSTEM

ERROR SUMMARY SCREEN

1992

CURRENT VERSION: 5.01

FORM NAME	NUMBER OF DOLLAR SIGNS	NUMBER OF LEVEL 1 ERRORS	NUMBER OF LEVEL 2 ERRORS	VERSION NUMBER CONSISTENT
Accident	0	0	0	Y
General Vehicle	0	0	1	Y
Vehicle Exterior	0	0	0	Y
Vehicle Interior	0	0	0	Y
Occupant Assessment	0	0	0	Y
Occupant Injury	0	0	0	Y
Total Inter Errors		0	1	
Total Case Errors	0	0	2	

[illegible]

GENERAL VEHICLE Vehicle: 1

#### INTRA ERRORS

GG0421 2 If ROLLOVER GV24 equals 1-9, then BASIS FOR DELTA V GV29 should  
GG0422 equal 4 or 5.

GG3011 1 If ROLLOVER INITIATION TYPE GV59 equals 2 or 4, then LOCATION OF  
GG3012 TRIPPING FORCE GV62 must equal 4.

#### INTER ERRORS

AG0011 2 If CASE AC02(4) equals B, D, F, H or K, then at least one MODEL  
AG0012 YEAR GV04 should equal 00-87 or 99.

PSU72 ERROR SUMMARY SCREEN  
CASE 119K  
CURRENT VERSION: 5.04

93

FORM NAME	NUMBER OF DOLLAR SIGNS	NUMBER OF LEVEL 1 ERRORS	NUMBER OF LEVEL 2 ERRORS	VERSION NUMBER CONSISTENT
Accident	0	0	0	N
General Vehicle	0	1	1	N
Vehicle Exterior	0	0	0	N
Vehicle Interior	0	0	0	N
Occupant Assessment	0	0	0	N
Occupant Interior	0	0	0	N
Total Inter Errors		0	1	

Total Case Errors	0	1	2
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92

FORM NAME	NUMBER OF DOLLAR SIGNS	NUMBER OF LEVEL 1 ERRORS	NUMBER OF LEVEL 2 ERRORS	VERSION NUMBER CONSISTENT
Accident	0	0	0	Y
General Vehicle	0	0	1	Y
Vehicle Exterior	0	0	0	Y
Vehicle Interior	0	0	0	Y
Occupant Assessment	0	0	0	Y
Occupant Interior	0	0	0	Y
Total Inter Errors		0	1	
Total Case Errors	0	0	2	



# SLIDE INDEX

Primary Sampling Unit Number - 72 Case Number Stratum 119K

Slide No.	Vehicle No.	Direction of View	Description of Slide Subject Matter
1-5	V1	S	Approach Views
6-7	V1	SEN	Scene Evidence Debris
8	V1	N	Look Back View
9-24	V1	EXTERIOR	Front Views DAMAGE PLANE event #1
25	V1		Front Left 45°
26-31	V1		Left Side Roll over damage event #3
32-33	V1		Back Left 45°
34-36	V1		Back Views
37-	V1		Back Right 45°
38-41	V1		Right Side event #2
42	V1		Right Front 45°
—	V1		Top Views
44-48	V1	INTERIOR	In Left Front Door
47-49	V1		Steering Column Views
43-54	V1		Seat Area 11
—	V1		Contact Points
55	V1		Seat Area 12
—	V1		Contact Points
56-58	V1		Seat Area 13
—	V1		Contact Points
57-58	V1		In Right Front Door
59	V1		In Left Rear Door
59-60	V1		Seat Area 21, 22, 23
60	V1		In Right Rear Door





PSU 72-119K (1992) #1



PSU 72-119K (1992) #2



PSU 72-119K (1992) #3



PSU 72-119K (1992) #4



**PSU 72-119K (1992) #5**



PSU 72-119K (1992) #6



PSU 72-119K (1992) #7



PSU 72-119K (1992) #8





**PSU 72-119K (1992) #9**  
**Best Available**



PSU72-119K (1992) #10  
Best Available



**PSU 72-119K (1992) #11**  
**Best Available**



PSU 72-119K (1992) #12  
Best Available



PSU 72-119K (1992) #13



**PSU 72-119K (1992) #14**  
**Best Available**



PSU 72-119K (1992) #15



PSU 72-119K (1992) #18





PSU 72-119K (1992) #17



PSU 72-119K (1992) #18



PSU 72-119K (1992) #19



**PSU 72-119K (1992) #20**  
**Best Available**



**PSU 72-119K (1992) #21**  
**Best Available**



**PSU 72-119K (1992) #22**  
**Best Available**



**PSU 72-119K (1992) #23**  
**Best Available**



PSU 72-119K (1992) #24





PSU 72-119K (1992) #25



PSU 72-119K (1992) #26



PSU 72-119K (1992) #27



PSU 72-119K (1992) #28



PSU 72-119K (1992) #29



PSU 72-119K (1992) #30



PSU 72-119K (1992) #31



PSU 72-119K (1992) #32





PSU 72-119K (1992) #33



PSU 72-119K (1992) #34



**PSU 72-119K (1992) #35**  
**Best Available**



**PSU 72-119K (1992) #36**  
**Best Available**



**PSU 72-119K (1982) #37**  
**Best Available**



**PSU 72-119K (1992) #38**  
**Best Available**



PSU 72-119K (1992) #39  
Best Available



**PSU 72-119K (1992) #40**  
**Best Available**





**PSU 72-119K (1992) #41**  
**Best Available**



**PSU72-119K (1992) #42**  
**Best Available**



**PSU 72-119K (1992) #43**



PSU 72-119K (1992) #44



PSU 72-119K (1992) #45



PSU 72-119K (1992) #46



PSU 72-119K (1992) #47



PSU 72-119K (1992) #48





PSU 72-119K (1992) #49



PSU 72-119K (1992) #50



PSU 72-119K (1992) #51



PSU 72-119K (1992) #52



PSU 72-119K (1992) #53



PSU 72-119K (1992) #54



PSU 72-119K (1992) #55



**PSU 72-119K (1992) #56**





PSU 72-119K (1992) #57



PSU 72-119K (1992) #58



PSU 72-119K (1992) #59



PSU 72-119K (1992) #60